

CITY OF MINNEAPOLIS

Pedestrian and Bicycle Winter Maintenance Study Update

Pedestrian Advisory Committee

Programs & Policy Subcommittee

Monday, February 27, 2023

Bicycle Advisory Committee

5Es Subcommittee

Tuesday, March 7, 2023

Overview

- Current Context
- Study History
- Update Approach
- Previous Strategies
- Present Timeline
- Questions



Context

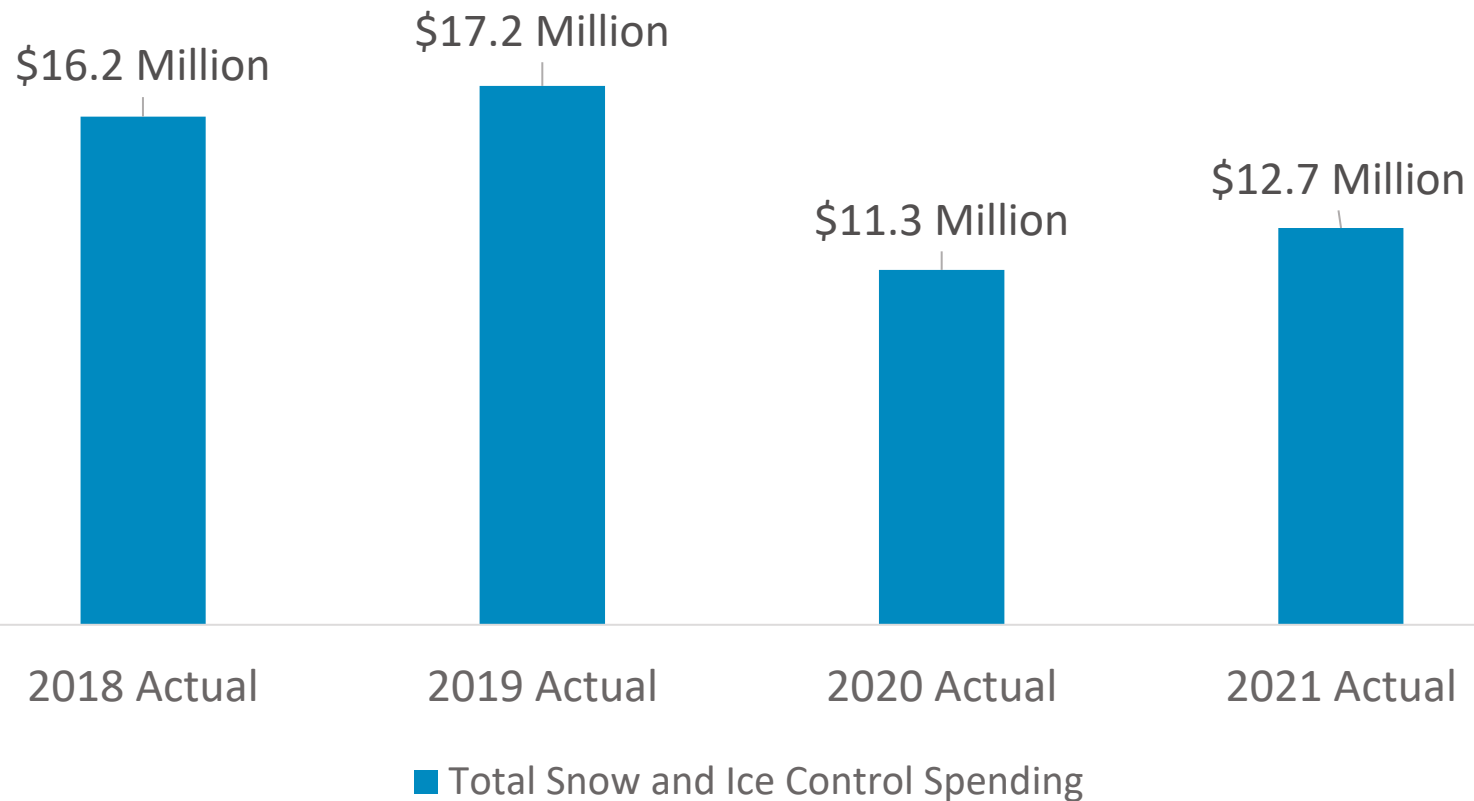
City of Minneapolis: By the Numbers

Miles of Streets	1,000
Miles of Sidewalks	1,910
Miles of Bikeways	220+
Miles of Pedestrian Priority Network Sidewalks	596
Individual Land Parcels	129,370
Average Annual Snowfall	52 inches
Average Number of Snow Emergencies	4 (2016-2022)
Average Number of “Snow Events”	23



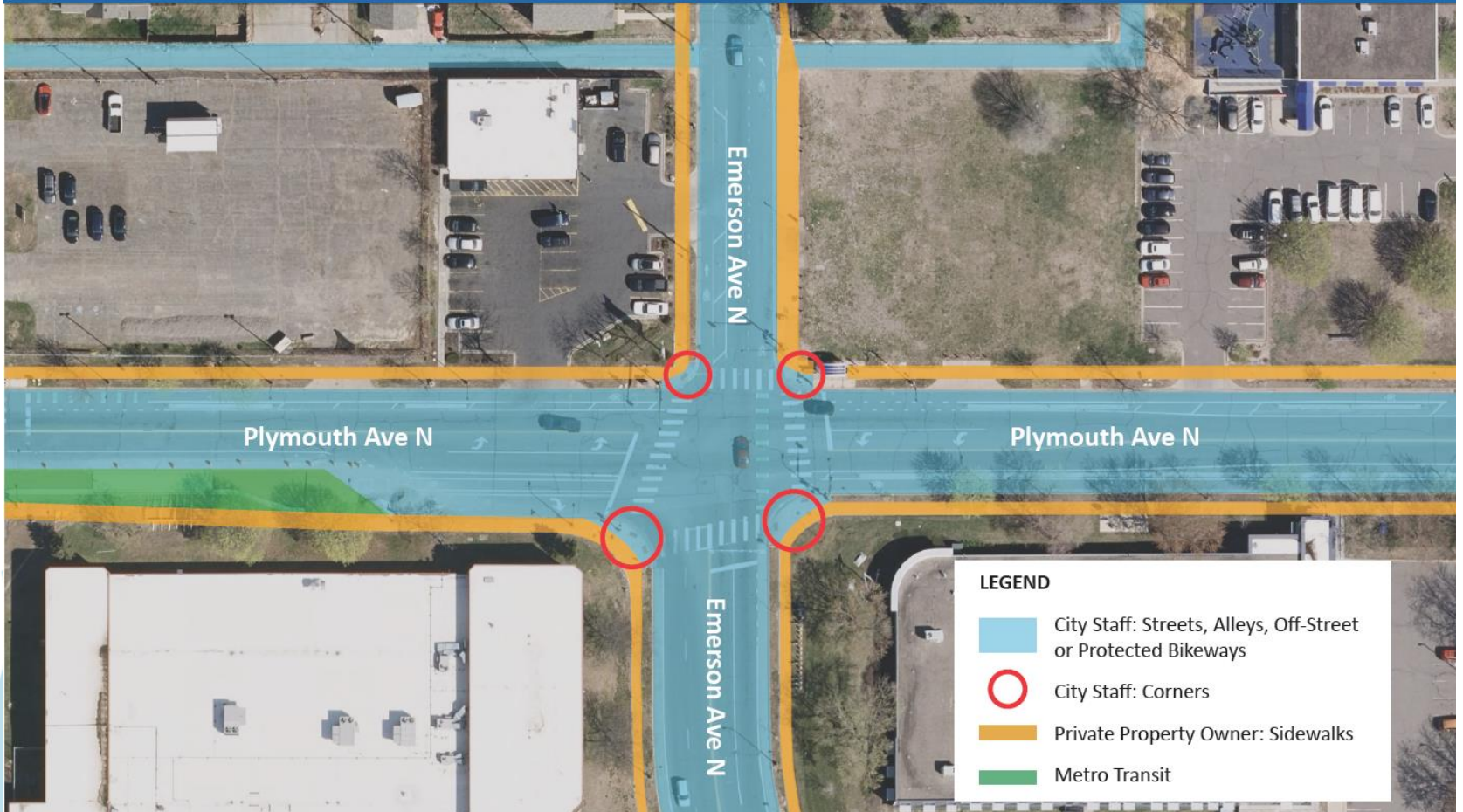
Photo by Lane Pelovsky Courtesy of Meet Minneapolis

Snow and Ice Control Spending



Who Does What?

Right of Way: Plymouth Avenue North & Emerson Avenue North
Snow clearing responsibility



LEGEND

-  City Staff: Streets, Alleys, Off-Street or Protected Bikeways
-  City Staff: Corners
-  Private Property Owner: Sidewalks
-  Metro Transit

Partners

- MPRB – snow and ice control on park trail and sidewalk system.
- Metro Transit – snow and ice control at some transit stations.
- US Bench (bus bench license holder) – snow and ice control at their bus benches.
- CPED – snow and ice control at their property inventory.
- Special Service Districts – snow and ice control within their boundaries.
- Residents and Property owners responsible for nearly 130,000 parcels



Study History

2018

- Pedestrian & Bicycle Winter Maintenance Study (WMS)
- Supplemental Report on Sidewalk Snow & Ice Control

2020

- Transportation Action Plan (TAP) Walking & Bicycling Strategies

2022

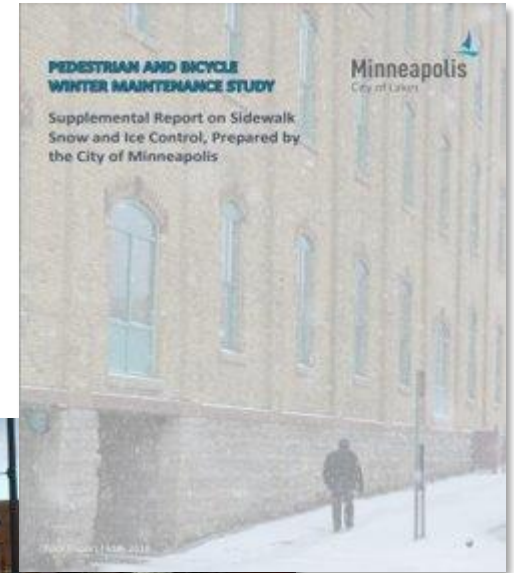
- Sidewalk Snow & Ice Council Study Session (October)
- PWI Sidewalk Snow & Ice Update (December)

2023

- Legislative Directive (February)

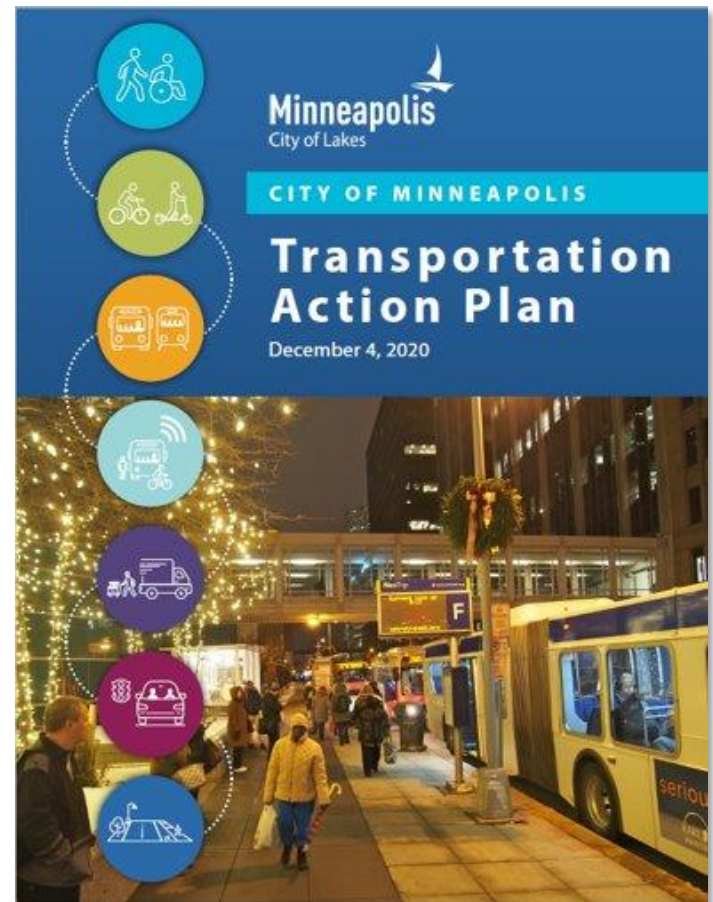
2018 Pedestrian and Bicycle WMS & Supplemental Report

- WMS identified alternative winter maintenance options to enhance quality and consistency while improving safety, accessibility and mobility
 - Includes 8 pedestrian winter maintenance options and 4 bicycle options
- Supplement Report on Sidewalk Snow and Ice Control:
 - Proactive sidewalk inspection pilot
 - Expanded opportunities for assistance programs



2020 Transportation Action Plan

- Walking Strategy 4: Improve winter walking and rolling
- Bicycling Strategy 6: Maintain the All Ages & Abilities (AAA) Network to provide year-round access
- Street Operations Action 9.4: Inspect and enforce non-compliance of pedestrian walkway clearing at construction sites



Council and Committees

- Council Study Session (October 2022)
- Public Works & Infrastructure (December 2022)
- Legislative Directive (February 2023)



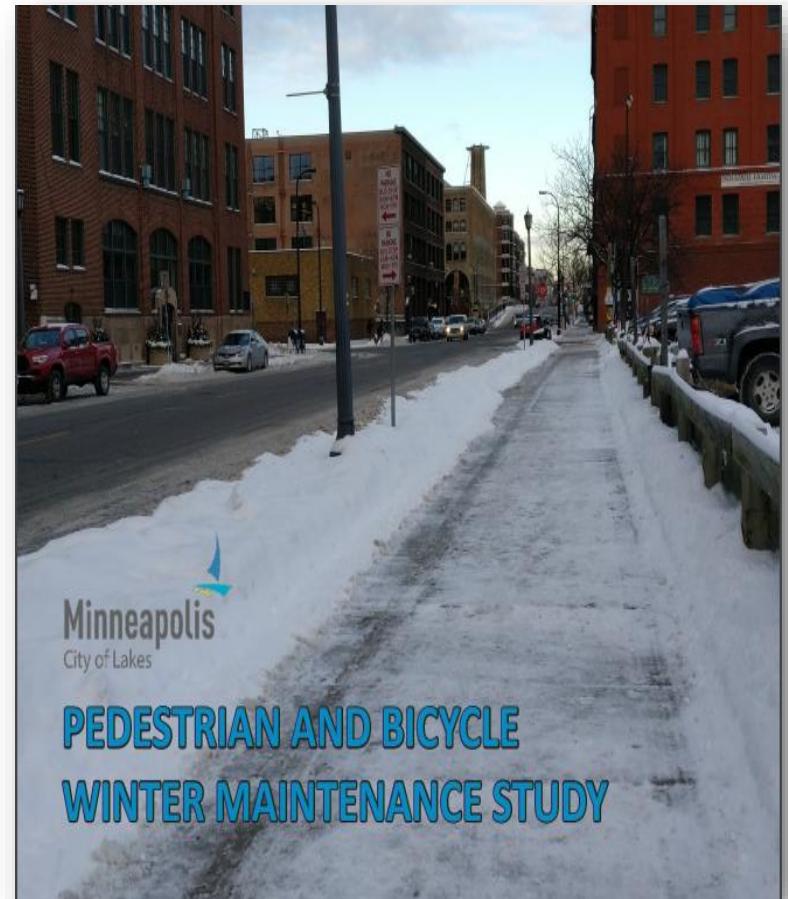
October 19, 2022

City of Minneapolis



Winter Maintenance Study Update Approach

- Evaluate actions complete or in-progress
- Incorporate TAP associated winter maintenance Action Items
- Evaluate new alternative winter maintenance options
- Updating review of local and other City and Agency snow clearing programs
- Update cost estimates and assumptions

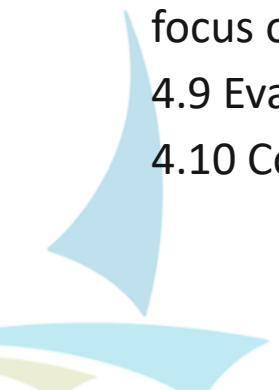


2018 Study Pedestrian Options

Pedestrian Winter Maintenance Options	Status
Designate a Winter Pedestrian Priority Network	Complete
Implement Sidewalk Clearing Inspection & Enforcement Process Improvements	Complete
Implement Snow and Ice Clearing Assistance Programs for Select Populations	Started
Develop an Expanded Sidewalk Winter Maintenance Awareness Campaign	Complete & Ongoing
Update and Improve the City's Winter Maintenance Webpage	Complete & Ongoing
Enhance Winter Maintenance Data Collection	Ongoing
Implement a Partial City-led Sidewalk Clearing Program	Further study
Implement a City-wide Sidewalk Clearing Program	Further study

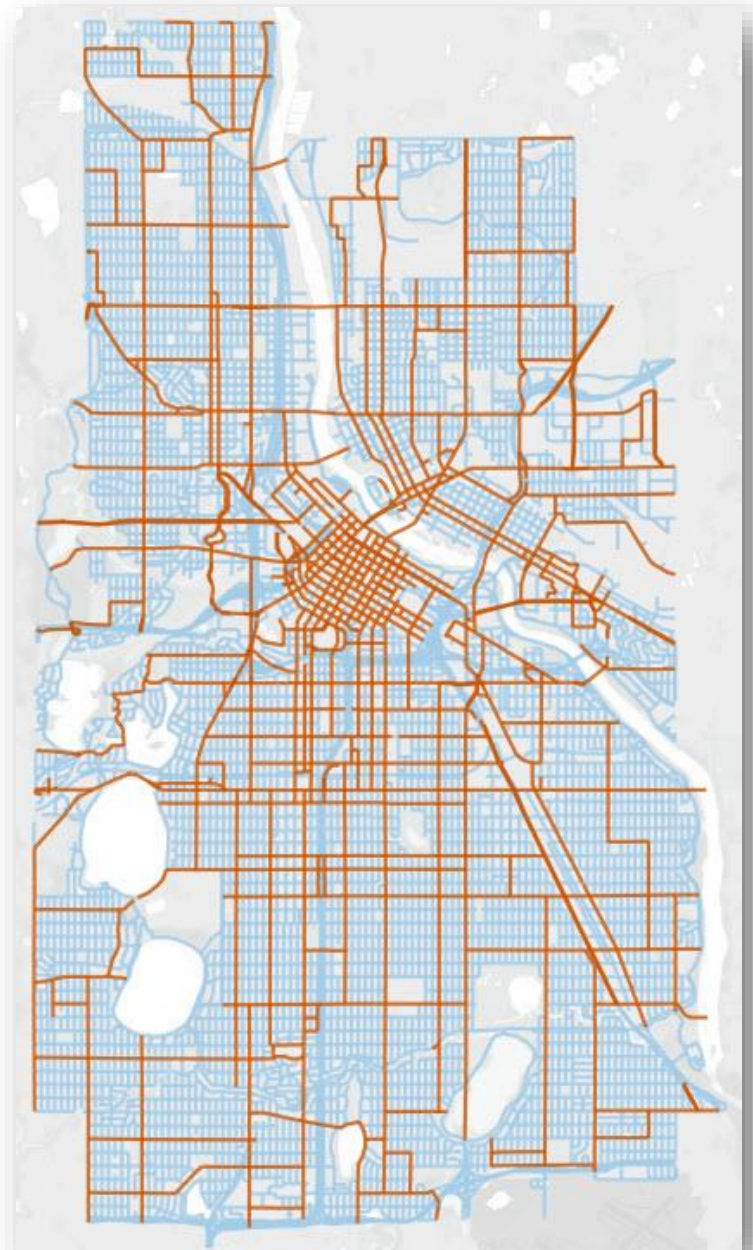
TAP Walking Strategy 4 Actions

- 4.1 Education + awareness campaign about sidewalk snow and ice removal ordinance
- 4.2 Collaborate with NCR to create a list of community resources for clearing sidewalks
- 4.3 Work in partnership with Metro Transit to develop enhanced winter maintenance standards
- 4.4 311 communication and issue resolution
- 4.5 Consider further streamlining inspection process
- 4.6 Consider adding financial penalties to properties out of compliance
- 4.7 Evaluate feasibility of changing ordinance for faster compliance requirements
- 4.8 Continue to pilot, evaluate and implement winter maintenance processes; focus on equitable outcomes
- 4.9 Evaluate corner clearing program and pedestrian pushbutton design guidance
- 4.10 Conduct review of Pedestrian & Bicycle WMS on a biennial basis



The Pedestrian Priority Network

- The Pedestrian Priority Network (PPN) is a grid of streets that represent where people frequently walk
- The network is 298 miles of streets and approximately 596 miles of sidewalk.
- 44 street miles of the PPN falls within Special Service Districts.



Expanded Winter Maintenance Awareness Campaign

When it snows,
remember to
shovel your sidewalk



It's the law, and it's the neighborly thing to do. Sidewalks are an important part of Minneapolis' transportation system, and they should be open for everyone. That's why Minneapolis ordinance requires property owners to clear sidewalks within 24 hours after a snowfall for houses and duplexes and four daytime hours for all other properties. Failure to shovel your walk could lead to the cost of crews shoveling it.

There may be resources for people who need help clearing their sidewalks. People can call 311 for a list of resources that might be available.

www.minneapolismn.gov/snow/shovel

Businesses that provide Sidewalk Snow Shoveling Services in Minneapolis

Above All Property Maintenance Solutions, LLC	612.425.7963
Dwayne Lawn and Snow Care	612.282.4338
G&S Service LLC	612.426.1129
JARAM Ventures Limited	763.221.5464
Litter Getters Inc	612.588.8755
Minneapolis Maintenance, LLC	612.964.2018
Richardson Trucking & Plowing	763.400.0864
TC lawn and Snow Service	651.491.0327



Public Works
350 S. Fifth St. - Room 203
Minneapolis, MN 55415
Tel. 612.673.3000
www.minneapolismn.gov

Dear Neighbor:

In Minneapolis, there are around 25 snow events each year, ranging from freezing rain to blizzards. During these events, sidewalks become covered with snow or ice, and make it difficult to pass. Many in our city rely on the sidewalks to get to work, school, errands, appointments and more. **Please shovel your sidewalk** to keep Minneapolis accessible for everyone in winter.

The City of Minneapolis Ordinance 445.20 states that one- and two-family properties have 24 hours after the snow stops falling to clear their sidewalks. All other properties must clear sidewalks within a 4-hour timeframe. In addition to inspecting sidewalk complaints reported to 311, there are inspectors who go out across the city looking for sidewalks that aren't shoveled. If you don't clear your sidewalk, it could result in a warning letter and bill from the City to remove snow from your sidewalk (Chapter 445.35). An average bill is approximately \$229. We want to help you avoid this by sending a reminder now.

We know that some residents are unable to shovel snow and there are resources available. Several for-hire contractors and a few non-profit organizations are able to help when the snow falls. If you need assistance, please call 311 to find the best match in your area.

Public Works takes pride in making sure the city functions at all times. When it snows, Minneapolis employees clear snow from all streets, alleys, trails and bikeways, as well as the sidewalks on 300 bridges. After Snow Emergencies, crews clear snow at about 16,000 sidewalk corners city-wide. By working together, we can keep Minneapolis accessible to all.

Thank you for doing your part.

Sincerely,

Minneapolis Public Works

Visit www.minneapolismn.gov/getting-around/snow/snow-clearing for more information on snow clearing guidelines.

For reasonable accommodations or alternative formats please call 311 or 612-673-3000. People who are deaf or hard of hearing can use a relay service to call 311 at 612-673-3000. TTY users call 612-263-6850.
Para asistencia, llame al 612-673-2700 - Rau ley o al 612-673-2800 - Hindi and Casimirood u bashontahay 612-673-3500.

Keep
Minneapolis
walkable. Clear
your sidewalks.

Call 311 to report unsafe sidewalks.
minneapolismn.gov/SNOW

produced by Minneapolis

Update + Improve City Webpage

- Public dashboard provides information and sidewalk snow and ice incidents.
- 1,600+ views since launch.

Minneapolis
City of Lakes

Search Sidewalk Snow & Ice Incidents

Current Date: October 14, 2022

Step 1: Search for an address.

TIP: Use the format Number then Street then Road Type then Direction (e.g. 123 Main St N).

350 5TH ST S

Step 2: Select a case number at the property.

TIP: If you search a new address, you must re-select a case number associated with the property.

CE1276889, 12/13/2021

<div>Case Summary</div> <div>The Public Works Sidewalk team received a 311 report of unshoveled snow and/or ice at this address.</div> <div><ul style="list-style-type: none">• Address: 350 5TH ST S• Case Status: Closed• Report Date: December 13, 2021• Case Number: CE1276889• Pending Fees: \$0.00</div>	<div>Pending Fees</div> <div>\$0.00</div>
<div>What to do next</div> <div>There is no action required.</div>	<div>Ward</div> <div>7</div> <div>Council Member Lisa Goodman</div> <div>Neighborhood</div> <div>Downtown West</div> <div>Downtown Minneapolis Neighborhood Association</div>

Additional Resources

Find more information about snow and ice removal ↗

Request before and after cleanup photos ↗

Source: City of Minneapolis Department of Public Works

Last Updated: 10/14/2022 12:00:54 PM

<https://www.minneapolismn.gov/government/government-data/datasource/sidewalk-snow-ice-incidents-dashboard/>

Accelerated Corner Clearing

- In 2020, recognizing the challenges of pedestrian ramps at the corners of the block, Mayor and Council funded accelerated corner clearing (\$300,000).
- Focuses on 7,000 pedestrian priority corners within the pedestrian street light corridors.
- Funded allowed the city to go from 4-5 days to clear pedestrian priority corners to 2-3 days after a snow emergency.



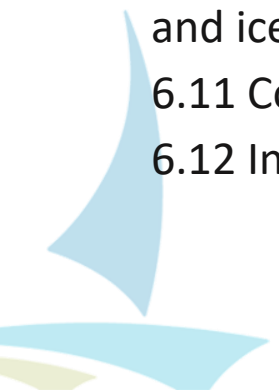
2018 Study Bicycle Options

Bicycle Winter Maintenance Options	Status
Designate a Winter Bicycle Priority Network	Started
Develop a Bikeway Winter Maintenance Awareness Campaign	Not started
Define Standard Level of Service for Clearing Winter Bicycle Priority Network	Not started
Develop a Regional Winter Bicycle Priority Network	Not started



TAP Bicycling Strategy 6 Actions


- 6.1 Develop and implement a written AAA Network Maintenance Plan
- 6.2 Require low-stress bikeway detours/temporary bike lanes for construction impacts
- 6.3 Implement and fund proactive inspections of bikeway detours/construction impacts
- 6.4 Consider opportunities to improve the pavement condition of bikeways
- 6.5 Replace all missing bicycle bollards on protected bikeways each spring by June 1st
- 6.6 Inspect and maintain trail and bike lane pavement condition
- 6.7 Improve the pavement condition along the AAA Network
- 6.8 Sweep the AAA Network once a week during spring, summer, and fall
- 6.9 Prioritize clearing snow and ice on the AAA Network within 24 hrs of a snow event
- 6.10 Determine best way to ensure neighborhood greenways have the same snow and ice clearance LOS as trails and protected bikeways.
- 6.11 Conduct review of Pedestrian and Bicycle WMS on a biennial basis
- 6.12 Increase lighting on the AAA Network for bike lanes



Timeline

- Advisory Committee Presentations
 - PAC P&P February 27, 2023
 - BAC 5Es March 7, 2023
- Advisory Committee Updates
 - Summer 2023
- Final Update Winter 2023





Questions and Thank You